

DEFINITION

VARIABLE	Patient's File Name
PatientFileName	Patient's File Name
Background	Background pixel intensity value as set by camera for patient image
FaceMin	Minimum intensity value of any pixels in patient image
FaceMax	Maximum intensity value of any pixels in patient image
FaceMean	Mean intensity value of all pixels in patient image
FaceStd	Standard Deviation of intensity value of all pixels in patient image
FaceMedian	Median intensity value of all pixels in patient image
...	
MFFrac_LPRP_Raw	Eye Balance, Uncompensated
MFFrac_LPRP_Norm	Eye Balance, Normalized
MFFrac_LPRP_Crop	Eye Balance, Radially Cropped
MFFrac_LPRP_NormCrop	Eye Balance, Normalized & Cropped
InterSymmetry	Intersymmetry value between left and right pupils
...	
LPupilFound	Flag to indicate if left pupil found
LPMFrac	The Pupil Matched Filter Peak Fraction (indicates quality of the eye finding process)
LMatchedFilteredCheek	Flag to indicate if a full face matched filter was used to try to find the eye
LMFCheekMax	The Cheek Matched Filter Peak Fraction (indicates quality of the eye finding process)
LPSpikerCRow	Row in the Patient image of the corneal specular reflex reflection
LPSpikerCCol	Column in the Patient image of the corneal specular reflex reflection
...	
LPSpikerPatchEdgeMedian	Median of the intensity of the pixels on the edge of a 13x13 patch around the corneal specular reflex reflection
LPSpikerPatchEdgeAvg	Average of the intensity of the pixels on the edge of a 13x13 patch around the corneal specular reflex reflection
LPSpikerPatchEdgeStd	Standard Deviation of the intensity of the pixels on the edge of a 13x13 patch around the corneal specular reflex reflection
LPSpikerMax	Maximum intensity of the corneal specular reflex reflection spike
LPSpikerFWHMThresh	Intensity level of the Full Width Half Maximum point of the corneal specular reflex reflection spike
LPSpikerFWHMArea	Area of the corneal specular reflex reflection spike at the Full Width Half Maximum intensity level
LPSpikerMedFitMax	Maximum intensity of the 2D Median Filtered corneal specular reflex reflection spike
LPSpikerMedFitFWHMThresh	Intensity level of the Full Width Half Maximum point of the 2D Median Filtered corneal specular reflex reflection spike
LPSpikerMedFitFWHMArea	Area of the 2D Median Filtered corneal specular reflex reflection spike at the Full Width Half Maximum intensity level
...	
LPCenterRow	Row in the Patient image of the center of the pupillary disk
LPCenterCol	Column in the Patient image of the center of the pupillary disk
LIrisPlateau	Average Intensity level of the Iris donut
LPupilBase	Average Intensity level around the interface of the pupil and the Iris (i.e. the base of the Pupil)
LPupilShaft	Average Intensity level of the shoulders of the pupil rising out above the Iris
LPupilCrown	Average Intensity level of the central pupil pixels on the crown (i.e. the plateau) of the pupil top
...	
LPMin	Minimum Intensity level of any pixels in the Pupillary Disk
LPMean	Average of all the Intensity levels of all pixels in the Pupillary Disk
LPMedian	Median of all the Intensity levels of all pixels in the Pupillary Disk
LPMode	Mode of all the Intensity levels of all pixels in the Pupillary Disk
LPMax	Maximum Intensity level of any pixels in the Pupillary Disk
...	
LPStd	Standard Deviation of all the Intensity levels of all pixels in the Pupillary Disk
LPSkewness	Skewness of all the Intensity levels of all pixels in the Pupillary Disk
LPPeakedness	Peakedness of all the Intensity levels of all pixels in the Pupillary Disk
...	
LPInthistoMu	Mu (mean) of Weibull distribution fit to intensity histogram
LPInthistoSMedian	Median of Weibull distribution fit to intensity histogram
LPInthistoBeta	Beta parameters of Weibull distribution fit to intensity histogram
...	

LPEdgeLength	Length (in number of pixels) of the edge of the Pupillary disk
LPRadiusMin	The minimum radius from the closest edge pixel to geometric center of the pupil disk
LPRadius	The average radius from the edge pixels to geometric center of the pupil disk
LPRadiusMax	The maximum radius from the farthest edge pixel to geometric center of the pupil disk
...	
LPRadMin	The Minimum radius from the closest edge pixel to geometric center of the pupil disk
LPRadMean	The Mean radius from the closest edge pixel to geometric center of the pupil disk
LPRadMeanTrim	The Trimmed Mean radius from the closest edge pixel to geometric center of the pupil disk
LPRadMeanGeo	The Geometric Mean radius from the closest edge pixel to geometric center of the pupil disk
LPRadMeanHarm	The Harmonic Mean radius from the closest edge pixel to geometric center of the pupil disk
...	
LPRadMedian	The Median radius from the closest edge pixel to geometric center of the pupil disk
LPRadMode	The Mode of the radius from the closest edge pixel to geometric center of the pupil disk
LPRadModeNorm	The Normalized Mode of the radius from the closest edge pixel to geometric center of the pupil disk
LPRadMax	The Maximum radius from the closest edge pixel to geometric center of the pupil disk
...	
LPRadStd	The Standard Deviation of the radius from the closest edge pixel to geometric center of the pupil disk
LPRadMAD	The Mean Average Deviant of the radius from the closest edge pixel to geometric center of the pupil disk
LPRadIQR	The Inter Quartile of the radius from the closest edge pixel to geometric center of the pupil disk
LPRadSkewness	The Skewness of the radius from the closest edge pixel to geometric center of the pupil disk
LPRadPeakedness	The Peakedness of the radius from the closest edge pixel to geometric center of the pupil disk
...	
LPEccentric	The eccentricity of the pupil edge as an ellipse
LPRadDevInt	The integral of the deviations of the radius about the average radius
LPRadDevPwrInt	The integral of the square of the deviations of the radius about the average radius over 2 (average power)
...	
LPRadStdInner	The Standard Deviation in the radius for pixels inside the average radius
LPRadStdOuter	The Standard Deviation in the radius for pixels outside the average radius
...	
LPCenterRowLSCF	The Row of the Pupil Array containing the pupil center as based on a Least Squares Circle Fit (LSCF)
LPCenterColLSCF	The Column of the Pupil Array containing the pupil center as based on a Least Squares Circle Fit (LSCF)
...	
LPRMin_LSCF	The Minimum radius from the closest pupil edge pixel based on a Least Squares Circle Fit (LSCF)
LPR_LSCF	The Average radius of the pupil edge pixels based on a Least Squares Circle Fit (LSCF)
LPRMax_LSCF	The Maximum radius from the farthest pupil edge pixel based on a Least Squares Circle Fit (LSCF)
LPRSigma_LSCF	The Standard Deviation of the radius of the pupil edge pixel based on a Least Squares Circle Fit (LSCF)
LPRLError_LSCF	The Total LSCF Error in fitting the radius of a circle to the pupil edge pixels based on a Least Squares Circle Fit (LSCF)
...	
LNPupilPels	Total number of pixels in the Pupillary Disk
LNPEdgePels	Total number of pixels in the Pupillary Disk Edge
LNPEdgeDilatedPels	Total number of pixels in the Pupillary Disk Edge after it has been dilated
...	
LICenterRow	The Row of the Eye Array containing the Iris center as based on a Least Squares Circle Fit (LSCF)
LICenterCol	The Column of the Eye Array containing the Iris center as based on a Least Squares Circle Fit (LSCF)
LIRadiusCF	The Outer Radius of the Iris based on a Least Squares Circle Fit (LSCF)
LIRSigmaCF	The Standard Deviation in the Outer Radius of the Iris based on a Least Squares Circle Fit (LSCF)
...	
LPMoment.M00	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.M01	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.M02	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.M03	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.M10	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.M11	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk

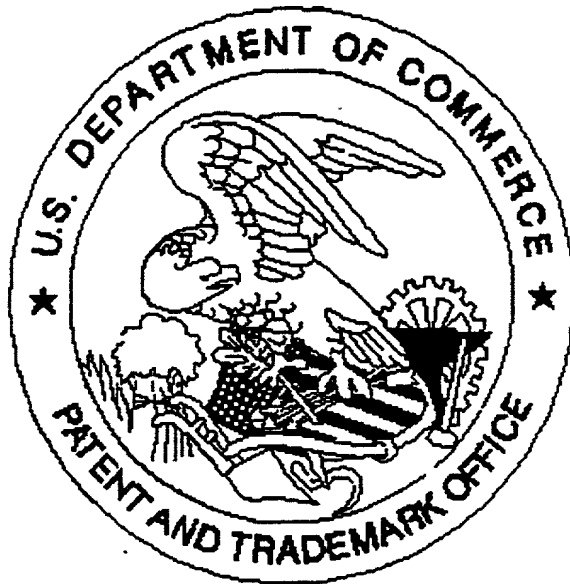
LPMoment.M12	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.M20	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.M21	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.M30	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
...	
LPMoment.Mu00	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu01	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu02	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu03	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu10	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu11	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu12	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu20	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu21	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.Mu30	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
...	
LPMoment.N00	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.N01	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.N02	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.N03	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.N10	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
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LPMoment.N21	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
LPMoment.N30	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
...	
LPMoment.Hu1	The Moments of Hu
LPMoment.Hu2	The Moments of Hu
LPMoment.Hu3	The Moments of Hu
LPMoment.Hu4	The Moments of Hu
LPMoment.Hu5	The Moments of Hu
LPMoment.Hu5	The Moments of Hu
LPMoment.Hu7	The Moments of Hu
...	
LPTopography.Rows.Linear.Interc	Intercept Parameter for Linear Curve Fit to Median of Rows of Pupil Disk Pixels
LPTopography.Rows.Linear.Slopt	Slope Parameter for Linear Curve Fit to Median of Rows of Pupil Disk Pixels
LPTopography.Rows.Quad.Interc	Intercept Parameter for Quadratic Curve Fit to Median of Rows of Pupil Disk Pixels
LPTopography.Rows.Quad.Slopt	Slope Parameter for Quadratic Curve Fit to Median of Rows of Pupil Disk Pixels
LPTopography.Rows.Quad.Quart	Quadratic Parameter for Quadratic Curve Fit to Median of Rows of Pupil Disk Pixels
...	
LPTopography.Cols.Linear.Interc	Intercept Parameter for Linear Curve Fit to Median of Columns of Pupil Disk Pixels
LPTopography.Cols.Linear.Slopt	Slope Parameter for Linear Curve Fit to Median of Columns of Pupil Disk Pixels
LPTopography.Cols.Quad.Interc	Intercept Parameter for Quadratic Curve Fit to Median of Columns of Pupil Disk Pixels
LPTopography.Cols.Quad.Slopt	Slope Parameter for Quadratic Curve Fit to Median of Columns of Pupil Disk Pixels
LPTopography.Cols.Quad.Quart	Quadratic Parameter for Quadratic Curve Fit to Median of Columns of Pupil Disk Pixels
...	
LPHirschberg.RadiusMM	The radius from the geometric center of the Pupil Disk to the center of the Corneal Specular Reflex Reflection in millimeters
LPHirschberg.TotalDeviationAxis	The Angle of the axis formed by the radius from the geometric center of the Pupil Disk to the center of the Corneal Specular Reflex Reflection in degrees
LPHirschberg.TotalDeviation	The Angle from the axis through the center of the Pupil Disk to the axis through the Corneal Specular Reflex Reflection in degrees
LPHirschberg.NasalDeviation	The Horizontal Angle from the axis through the center of the Pupil Disk to the axis through the Corneal Specular Reflex Reflection in degrees
LPHirschberg.VerticalDeviation	The Vertical Angle from the axis through the center of the Pupil Disk to the axis through the Corneal Specular Reflex Reflection in degrees

LPIntraSymmetry	The symmetry of the pupil with itself (like a self eye balance)
...	...
RPupilFound	Flag to indicate if left pupil found
RPMFFrac	The Pupil Matched Filter Peak Fraction (indicates quality of the eye finding process)
RMatchedFilteredCheek	Flag to indicate if a full face matched filter was used to try to find the eye
RMatchedCheekMax	The Cheek Matched Filter Peak Fraction (indicates quality of the eye finding process)
RPSpikeRCRow	Row in the Patient image of the corneal specular reflex reflection
RPSpikeRCCol	Column in the Patient image of the corneal specular reflex reflection
...	...
RPSpikePatchEdgeMedian	Median of the intensity of the pixels on the edge of a 13x13 patch around the corneal specular reflex reflection
RPSpikePatchEdgeAvg	Average of the intensity of the pixels on the edge of a 13x13 patch around the corneal specular reflex reflection
RPSpikePatchEdgeStd	Standard Deviation of the intensity of the pixels on the edge of a 13x13 patch around the corneal specular reflex reflection
RPSpikeMax	Maximum intensity of the corneal specular reflex reflection spike
RPSpikeFWHMTresh	Intensity level of the Full Width Half Maximum point of the corneal specular reflex reflection spike
RPSpikeFWHMArea	Area of the corneal specular reflex reflection spike at the Full Width Half Maximum intensity level
RPSpikeMedFitMax	Maximum intensity of the 2D Median Filtered corneal specular reflex reflection spike
RPSpikeMedFitFWHMTresh	Intensity level of the Full Width Half Maximum point of the 2D Median Filtered corneal specular reflex reflection spike
RPSpikeMedFitFWHMArea	Area of the 2D Median Filtered corneal specular reflex reflection spike at the Full Width Half Maximum intensity level
...	...
RPCenterRow	Row in the Patient image of the center of the pupillary disk
RPCenterCol	Column in the Patient image of the center of the pupillary disk
RIrisPlateau	Average Intensity level of the Iris donut
RPupilBase	Average Intensity level around the interface of the pupil and the Iris (i.e. the base of the Pupil)
RPupilShaft	Average Intensity level of the shoulders of the pupil rising out above the Iris
RPupilCrown	Average Intensity level of the central pupil pixels on the crown (i.e. the plateau) of the pupil top
...	...
RPMMin	Minimum Intensity level of any pixels in the Pupillary Disk
RPMean	Average of all the Intensity levels of all pixels in the Pupillary Disk
RPMedian	Median of all the Intensity levels of all pixels in the Pupillary Disk
RPMode	Mode of all the Intensity levels of all pixels in the Pupillary Disk
RPMMax	Maximum Intensity level of any pixels in the Pupillary Disk
...	...
RPSStd	Standard Deviation of all the Intensity levels of all pixels in the Pupillary Disk
RPSkewness	Skewness of all the Intensity levels of all pixels in the Pupillary Disk
RPPeakedness	Peakedness of all the Intensity levels of all pixels in the Pupillary Disk
...	...
RPIntHistoMu	Mu (mean) of Weibull distribution fit to intensity histogram
RPIntHistoSMedian	Median of Weibull distribution fit to intensity histogram
RPIntHistoBeta	Beta parameters of Weibull distribution fit to intensity histogram
...	...
RPEdgeLength	Length (in number of pixels) of the edge of the Pupillary disk
RPRadiusMin	The minimum radius from the closest edge pixel to geometric center of the pupil disk
RPRadius	The average radius from the edge pixels to geometric center of the pupil disk
RPRadiusMax	The maximum radius from the farthest edge pixel to geometric center of the pupil disk
...	...
RPRadMin	The Minimum radius from the closest edge pixel to geometric center of the pupil disk
RPRadMean	The Mean radius from the closest edge pixel to geometric center of the pupil disk
RPRadMeanTrim	The Trimmed Mean radius from the closest edge pixel to geometric center of the pupil disk
RPRadMeanGeo	The Geometric Mean radius from the closest edge pixel to geometric center of the pupil disk
RPRadMeanHarm	The Harmonic Mean radius from the closest edge pixel to geometric center of the pupil disk
...	...
RPRadMedian	The Median radius from the closest edge pixel to geometric center of the pupil disk

RPRadMode	The Mode of the radius from the closest edge pixel to geometric center of the pupil disk
RPRadModeNorm	The Normalized Mode of the radius from the closest edge pixel to geometric center of the pupil disk
RPRadMax	The Maximum radius from the closest edge pixel to geometric center of the pupil disk
...	
RPRadStd	The Standard Deviation of the radius from the closest edge pixel to geometric center of the pupil disk
RPRadMAD	The Mean Average Deviant of the radius from the closest edge pixel to geometric center of the pupil disk
RPRadIQR	The Inter Quartile of the radius from the closest edge pixel to geometric center of the pupil disk (duplicate?)
RPRadSkewness	The Skewness of the radius from the closest edge pixel to geometric center of the pupil disk (duplicate?)
RPRadPeakedness	The Peakedness of the radius from the closest edge pixel to geometric center of the pupil disk (duplicate?)
...	
RPEccentric	The eccentricity of the pupil edge as an ellipse
RPRadDevInt	The integral of the deviations of the radius about the average radius
RPRadDevPwInt	The integral of the square of the deviations of the radius about the average radius over 2 (average power)
...	
RPRadStdInner	The Standard Deviation in the radius for pixels inside the average radius
RPRadStdOuter	The Standard Deviation in the radius for pixels outside the average radius
...	
RPCenterLSCFRow	The Row of the Pupil Array containing the pupil center as based on a Least Squares Circle Fit (LSCF)
RPCenterLSCFCol	The Column of the Pupil Array containing the pupil center as based on a Least Squares Circle Fit (LSCF)
...	
RPRMin_LSCF	The Minimum radius from the closest pupil edge pixel based on a Least Squares Circle Fit (LSCF)
RPR_LSCF	The Average radius of the pupil edge pixels based on a Least Squares Circle Fit (LSCF)
RPRMax_LSCF	The Maximum radius from the farthest pupil edge pixel based on a Least Squares Circle Fit (LSCF)
RPRSigma_LSCF	The Standard Deviation of the radius of the pupil edge pixel based on a Least Squares Circle Fit (LSCF)
RPRLError_LSCF	The Total LSCF Error in fitting the radius of a circle to the pupil edge pixels based on a Least Squares Circle Fit (LSCF)
...	
RNPupilPels	Total number of pixels in the Pupillary Disk
RNPEdgePels	Total number of pixels in the Pupillary Disk Edge
RNPEdgeDilatedPels	Total number of pixels in the Pupillary Disk Edge after it has been dilated
...	
RICenterRow	The Row of the Eye Array containing the Iris center as based on a Least Squares Circle Fit (LSCF)
RICenterCol	The Column of the Eye Array containing the Iris center as based on a Least Squares Circle Fit (LSCF)
RIRadiusCF	The Outer Radius of the Iris based on a Least Squares Circle Fit (LSCF)
RISigmaCF	The Standard Deviation in the Outer Radius of the Iris based on a Least Squares Circle Fit (LSCF)
...	
RPMoment.M00	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
RPMoment.M01	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
RPMoment.M02	The Basic Moments of the Pupil Intensity Distribution inside the Pupillary Disk
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...	
RPMoment.Mu00	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
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RPMoment.Mu12	The Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk

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...	
RPMoment.N00	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
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RPMoment.N21	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
RPMoment.N30	The Normalized Central Moments of the Pupil Intensity Distribution inside the Pupillary Disk
...	
RPMoment.Hu1	The Moments of Hu
RPMoment.Hu2	The Moments of Hu
RPMoment.Hu3	The Moments of Hu
RPMoment.Hu4	The Moments of Hu
RPMoment.Hu5	The Moments of Hu
RPMoment.Hu6	The Moments of Hu
RPMoment.Hu7	The Moments of Hu
...	
RPTopography.Rows.Linear.Intercept	Intercept Parameter for Linear Curve Fit to Median of Rows of Pupil Disk Pixels
RPTopography.Rows.Linear.Slope	Slope Parameter for Linear Curve Fit to Median of Rows of Pupil Disk Pixels
RPTopography.Rows.Quad.Intercept	Intercept Parameter for Quadratic Curve Fit to Median of Rows of Pupil Disk Pixels
RPTopography.Rows.Quad.Slope	Slope Parameter for Quadratic Curve Fit to Median of Rows of Pupil Disk Pixels
RPTopography.Rows.Quad.Quadratic	Quadratic Parameter for Quadratic Curve Fit to Median of Rows of Pupil Disk Pixels
...	
RPTopography.Cols.Linear.Intercept	Intercept Parameter for Linear Curve Fit to Median of Columns of Pupil Disk Pixels
RPTopography.Cols.Linear.Slope	Slope Parameter for Linear Curve Fit to Median of Columns of Pupil Disk Pixels
RPTopography.Cols.Quad.Intercept	Intercept Parameter for Quadratic Curve Fit to Median of Columns of Pupil Disk Pixels
RPTopography.Cols.Quad.Slope	Slope Parameter for Quadratic Curve Fit to Median of Columns of Pupil Disk Pixels
RPTopography.Cols.Quad.Quadratic	Quadratic Parameter for Quadratic Curve Fit to Median of Columns of Pupil Disk Pixels
...	
RPHirschberg.RadiusMM	The radius from the geometric center of the Pupil Disk to the center of the Corneal Specular Reflex Reflection in millimeters
RPHirschberg.TotalDeviationAxis	The Angle of the axis formed by the radius from the geometric center of the Pupil Disk to the center of the Corneal Specular Reflex Reflection in degrees
RPHirschberg.TotalDeviation	The Angle from the axis through the center of the Pupil Disk to the axis through the Corneal Specular Reflex Reflection in degrees
RPHirschberg.NasalDeviation	The Horizontal Angle from the axis through the center of the Pupil Disk to the axis through the Corneal Specular Reflex Reflection in degrees
RPHirschberg.VerticalDeviation	The Vertical Angle from the axis through the center of the Pupil Disk to the axis through the Corneal Specular Reflex Reflection in degrees
...	
RPIntaSymmetry	The symmetry of the pupil with itself (like a self eye balance)

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